## INTERNATIONAL SEARCH REPORT

IB2004/052015

INTERNATIONAL SEARCH REPORT		IB2004/052015		
A ASSISICATION OF SUBJECT MATTER				
CLASSIFICATION OF SUBJECT MATTER C 7 G11B7/135				
ording to International Patent Classification (IPC) or to both national	classification and IPC			
imum documentation searched (classification system tollowed b)				
0 /		and a parchad		
cumentation searched other than minimum documentation to the ex	lent that such documents are	included in the news searches		
ectronic data base consulted during the international search (name	of data base and, where prac	dical, search terms used)		
PO-Internal				
10 Thus, iis				
. DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.			
ategory Citation of document, with indication, where appropriate	e, or the reserve Farrage			
A (CHIMADA ET AL)		1,12		
US 4 775 967 A (SHIMADA ET 4 October 1988 (1988-10-04				
column 19, lines 24-37, 11	gui o	1-14		
A WO 02/49024 A (KONINKLIJKE	PHILIPS	)		
A WO 02/49024 A (KONINKLIOKE ELECTRONICS N.V) 20 June 2 cited in the application	.002 (2002 00 00			
pages 4-13				
A US 5 657 164 A (SHUMAN ET	AL)	1,12		
A 12 August 1997 (1997–08–1	2)			
column 6, line 15 - column	η /, ((())			
figures 3,4	,			
	). X Pate	ent family members are listed in annex.		
Further documents are listed in the continuation of box C	<u> </u>	the interestional filing date		
Special categories of cited documents :	or pnon	nument published after the international filing date ity date and not in conflict with the application but ounderstand the principle or theory underlying the		
*A* document defining the general state of the art which is not considered to be of particular relevance	inventio	on the claimed invention		
*E* earlier document but published on or after the international	cannot	be considered more than the document is taken alone		
"L" document which may throw doubts on priority claim(s)	"Y" docume	ent of particular relevance; the claimed line internets the considered to involve an inventive step when the		
which is cited to establish the public citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or		such combination being obvious to a person skilled		
other means	ıt '&' docume	ent member of the same patent family		
later than the profity date	Date of	f mailing of the international search report		
Date of the actual completion of the international search		27/04/2005		
8 April 2005				
at the ISA	l l	rized officer		
European Palent Office, P.B. 00		Stemmer, M		
NL - 2280 HV HISWIR Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016				

## INTERNATIONAL SEARCH REPORT

IB2004/052015

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4775967	A	04-10-1988	JP JP JP JP JP DE EP	61194648 A 61092440 A 1811190 C 5019210 B 61096532 A 3575805 D 0180767 A	16-03-1993 15-05-1986 1 08-03-1990 12 14-05-1986
WO 0249024	Α	20-06-2002	CN WO EP JP US	1422428 A 0249024 A 1346352 A 2004516594 7 2002122375 A	A1 20-06-2002 A1 24-09-2003 T 03-06-2004
us 5657164	A	12-08-1997	US US US US	5646778 5568315 5650874 5771122	A 22-10-1996 A 22-07-1997